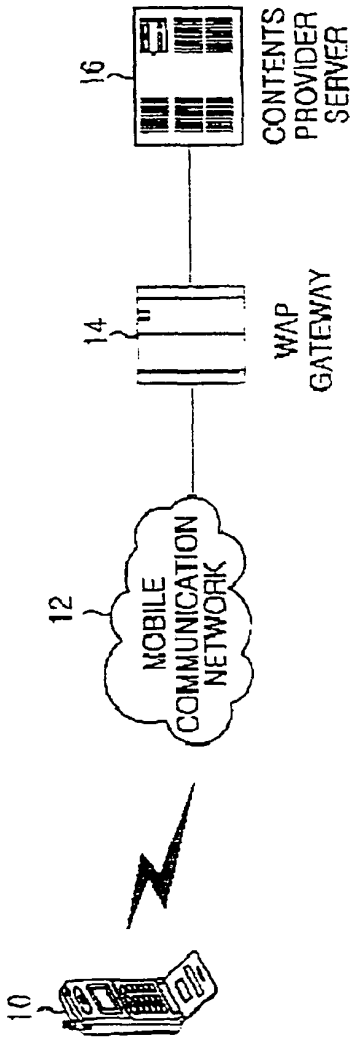
10
12
MOBILE COMMUNICATION NETWORK
14
WAP GATEWAY
16
CONTENTS PROVIDER SERVER

FIG.1

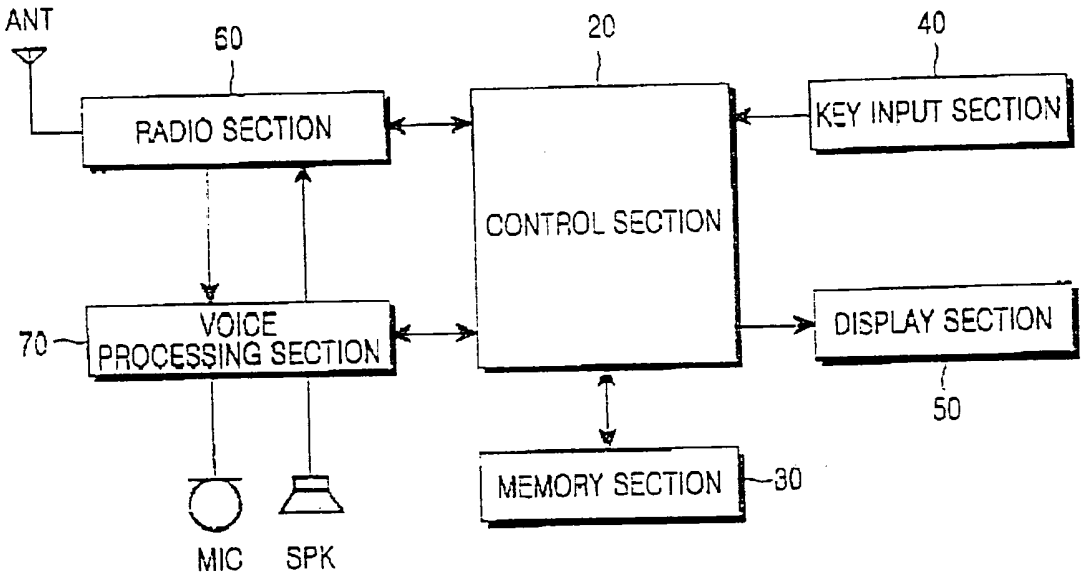
ANT
60
RADIO SECTION
20
CONTROL SECTION
40
KEY INPUT SECTION
70
VOICE PROCESSING SECTION
DISPLAY SECTION
50
MEMORY SECTION
30
MIC
SPK

FIG.2

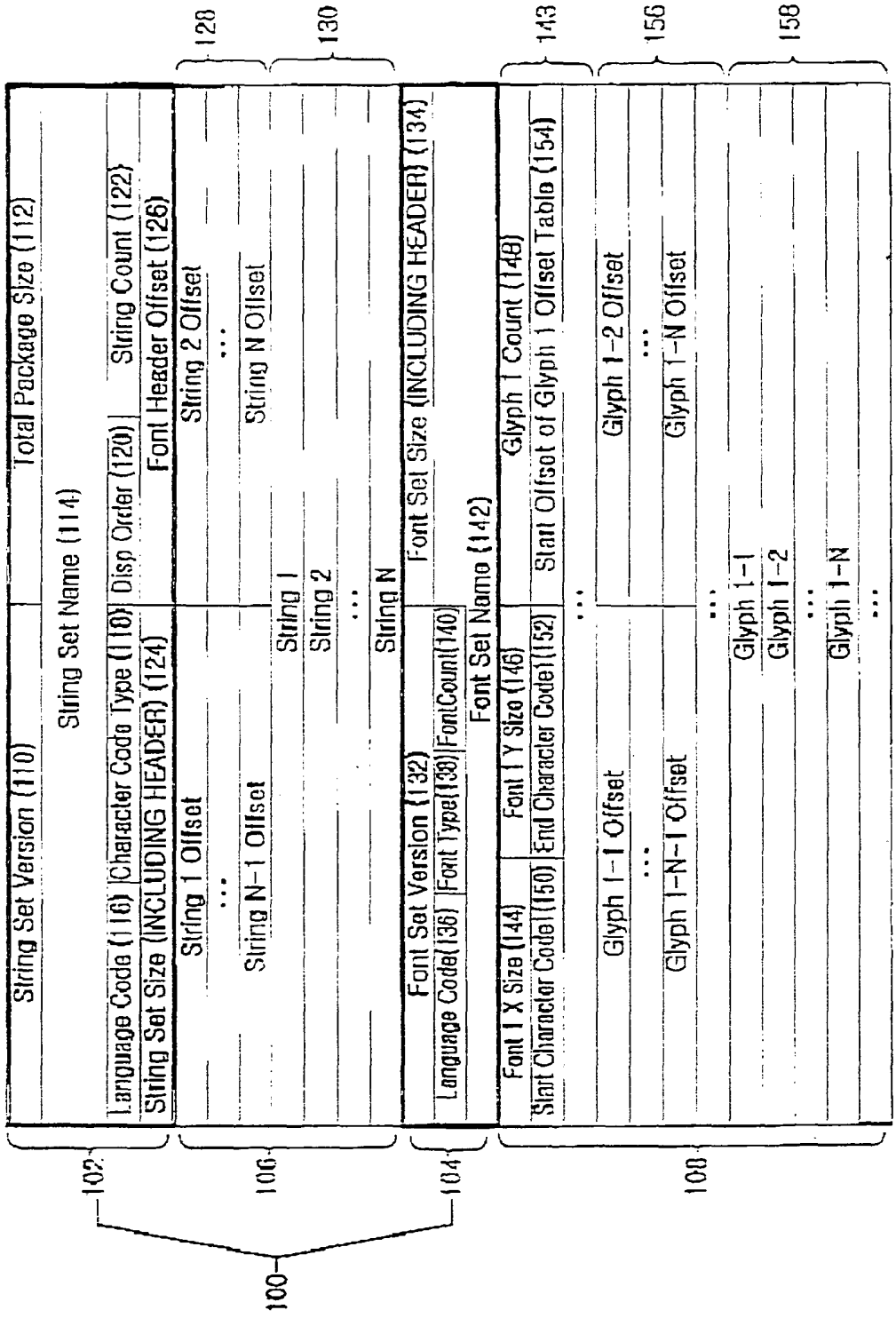
String Set Version (110)
Total Package Size (112)
String Set Name (114)
Language Code (116)
Character Code Type (118)
Disp Order (120)
String Count (122)
String Set Size (INCLUDING HEADER) (124)
Font Header Offset (126)
String 1 Offset
String 2 Offset
String N-1 Offset
String N Offset
String 1
String 2
String N
Font Set Version (132)
Font Set Size (INCLUDING HEADER) (134)
Language Code (136)
Font Type (138)
FontCount (140)
Font Set Name (142)
Font 1 X Size (144)
Font 1 Y Size (146)
Glyph 1 Count (148)
Start Character Code (150)
End Character Code (152)
Start Offset of Glyph 1 Offset Table (154)
Glyph 1-1 Offset
Glyph 1-2 Offset
Glyph 1-N-1 Offset
Glyph 1-N Offset
Glyph 1-1
Glyph 1-2
Glyph 1-N
100
102
104
106
128
130
143
156
158

FIG.3

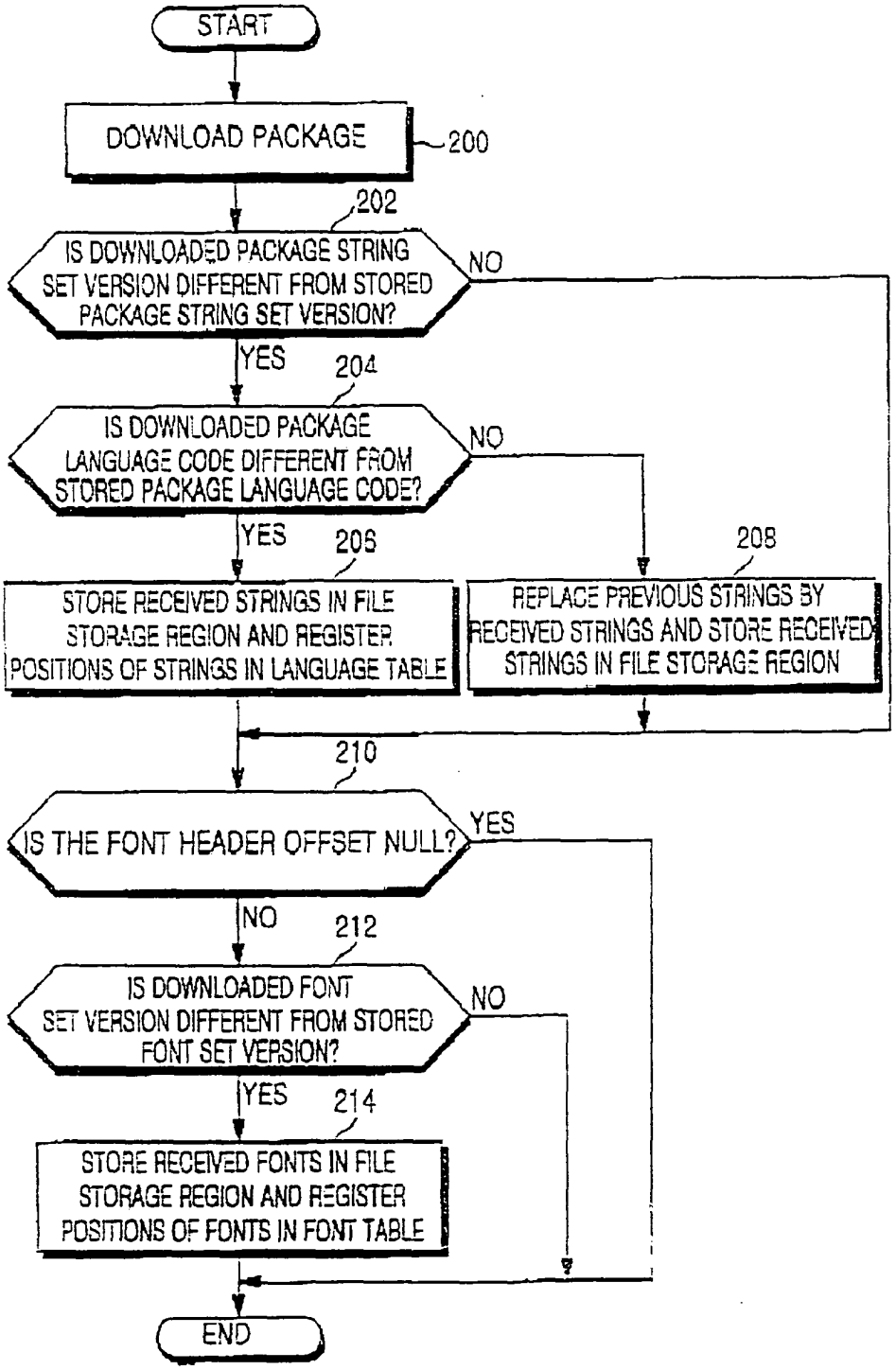
START
DOWNLOAD PACKAGE
200
202
IS DOWNLOADED PACKAGE STRING SET VERSION DIFFERENT FROM STORED PACKAGE STRING SET VERSION?
NO
YES
204
IS DOWNLOADED PACKAGE LANGUAGE CODE DIFFERENT FROM STORED PACKAGE LANGUAGE CODE?
NO
YES
206
208
STORE RECEIVED STRINGS IN FILE STORAGE REGION AND REGISTER POSITIONS OF STRINGS IN LANGUAGE TABLE
REPLACE PREVIOUS STRINGS BY RECEIVED STRINGS AND STORE RECEIVED STRINGS IN FILE STORAGE REGION
210
IS THE FONT HEADER OFFSET NULL?
YES
NO
212
IS DOWNLOADED FONT SET VERSION DIFFERENT FROM STORED FONT SET VERSION?
NO
YES
214
STORE RECEIVED FONTS IN FILE STORAGE REGION AND REGISTER POSITIONS OF FONTS IN FONT TABLE
END

FIG.4

Language Code 1	String Set Pointer 1
⋮	⋮
Language Code N	String Set Pointer N

FIG.5A

Language Code 1	Font Set Pointer 1
⋮	⋮
Language Code N	Font Set Pointer N

FIG.5B

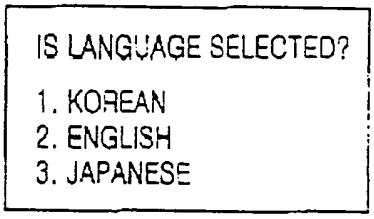
IS LANGUAGE SELECTED?
1. KOREAN
2. ENGLISH
3. JAPANESE

FIG.6A

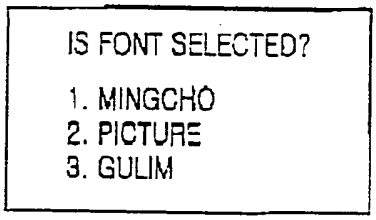
IS FONT SELECTED?
1. MINGCHO
2. PICTURE
3. GULIM

FIG.6B